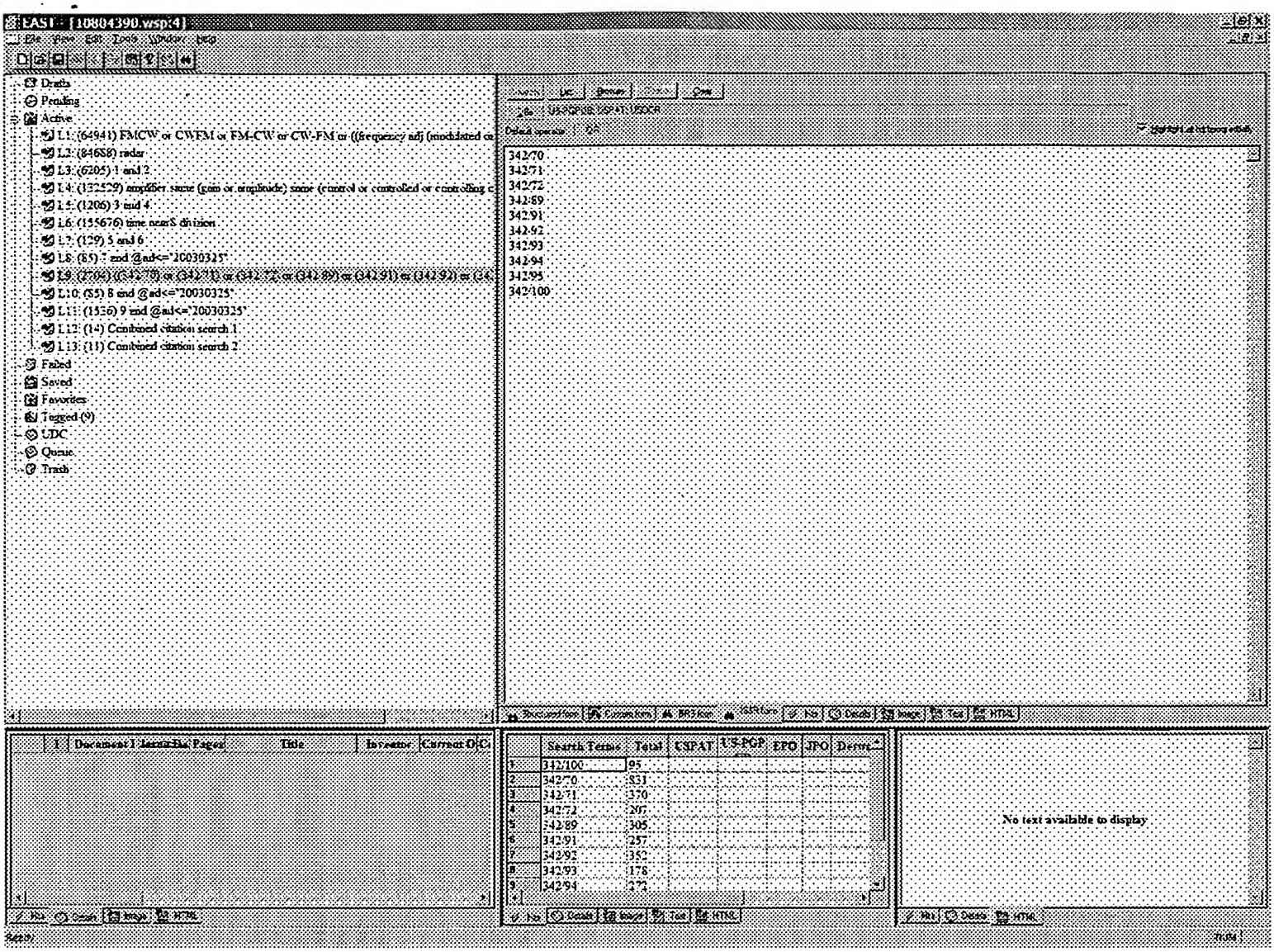

	Search Terms	Total	CSPAT	US-PGP	EPO	JPO	Derwe
1	342/100	95					
2	342/70	831					
3	342/71	370					
4	342/72	207					
5	342/89	305					
6	342/91	257					
7	342/92	352					
8	342/93	178					
9	342/94	272					

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	64941	FMCW or CWFM or FM-CW or CW-FM or ((frequency adj (modulated or modulating or modulation)) or frequency-modulated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:43
L2	84688	radar	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:43
L3	6205	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:44
L4	132529	amplifier same (gain or amplitude) same (control or controlled or controlling or controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:45
L5	1206	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:45
L6	155676	time near8 division	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:45
L7	129	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:46
L8	85	7 and @ad<="20030325"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:59

L9	2704	((342/70) or (342/71) or (342/72) or (342/89) or (342/91) or (342/92) or (342/93) or (342/94) or (342/95) or (342/100)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/16 08:59
L10	85	8 and @ad<="20030325"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:59
L11	1536	9 and @ad<="20030325"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 08:59
L12	14	("4812035" | "4833479" | "5122803").PN. OR ("6040898").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 09:13
L13	11	("2928085" | "4107679" | "4151525").PN. OR ("4276549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/16 09:13

SEARCH NOTES FOR EAST AND IEEE AND INSPEC AND IP.COM

SERIAL NUMBER 10804390

EAST SEARCH

EAST: search history attached

Search terms:

FMCW or CWFM or FM-CW or CW-FM or ((frequency adj (modulated or modulating or modulation)) or frequency-modulated)

Radar

amplifier same (gain or amplitude) same (control or controlled or controlling or controller)

time near8 division

IEEE SEARCH

Search terms:

(FMCW or CWFM or FM-CW or CW-FM or ((frequency and (modulated or modulating or modulation)) or frequency-modulated)) and amplifier and (gain or amplitude) and (control or controlled or controlling or controller) and time and division and radar

1. **IF amplifier module for high-sweep speed LFMCW radar**
   Liwan Liang; Yang Li; Weifeng Pang; Zhenhe Feng;
   Microwave and Millimeter Wave Technology, 2000, 2nd International Conference on. ICMMT 2000
   14-16 Sept. 2000 Page(s):662 - 665

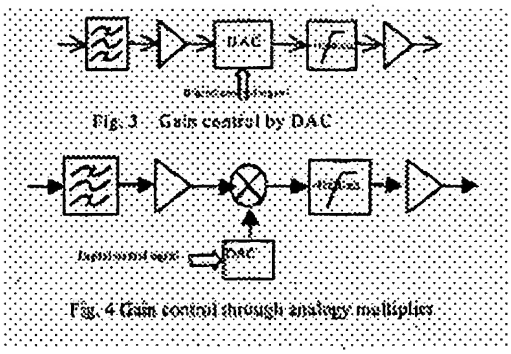

Fig. 3 Gain control by DAC

Fig. 4 Gain control through analogy multiplier

INSPEC SEARCH

Search terms:

Search strategy
No. Database Search term Info added since Results
1 INZZ (FMCW OR CWFM OR FM-CW OR CW-FM OR frequency AND (modulated OR modulating OR modulation) OR frequency-modulated) AND amplifier AND (gain OR amplitude) AND (control OR controlled OR controlling OR controller) AND time AND division AND radar unrestricted 1
Saved: 16-Jun-2005, 15:09:40 CET
INSPEC - 1969 to date (INZZ)
IF *amplifier* module for high-sweep speed LFMCW *radar.*
Author(s)
Liwan-Liang; Yang-Li; Weifeng-Pang; Zhenhe-Feng; Ed. by Feng-Z; zhang-Y.
Source
Proceedings of International Conference on Microwave and Millimeter Wave Technology, Beijing, China,
14-16 Sept. 2000.
Sponsors: Chinese Inst. Electron.(CIE)IEEE Beijing SectIEEE Beijing CenterIEEE MTT-S Beijing
ChapterIEEE Microwave Theory and Tech. SocIEEE Electron Devices SocIEEE Antennas & Propagation
SocElectron Soc.. IEICE of JapanKorea Inst. Telematics & ElectronWorld Sci. & Eng. Soc.
In: p.662-5, 2000.

IP.COM SEARCH

Search terms:

(FMCW or CWFM or FM-CW or CW-FM or ((frequency and (modulated or modulating or modulation)) or frequency-modulated)) and amplifier and (gain or amplitude) and (control or controlled or controlling or controller) and time and division and radar

Result # 1 Relevance:

Infrared coherent optical sensor

12-Sep-2000 IPCOM000000928D English (United States)

A dual-beam amplitude-modulated laser transmitter/receiver suitable for laser-radar applications is scalable to high powers because there is no active modulator element that the laser beam passes through. The transceiver comprises a laser source with two separate independent ...